
55. (new) A stretchable stent, comprising:

a coiled-up sheet having overlapping inner and outer longitudinal sections extending generally parallel to a longitudinal axis thereof, and defining a periphery, the coiled-up sheet being unrollable between a contracted condition and one or more enlarged conditions; and

a plurality of stretchable cells formed in the coiled-up sheet, each stretchable cell comprising a pair of peripherally expandable wing-like elements extending generally parallel to the longitudinal axis, the wing-like elements being expandable about the periphery between an unstretched condition to facilitate placement in a delivery device in the contracted condition and a stretched condition to facilitate expansion of the coiled-up sheet to the one or more enlarged conditions upon deployment from the delivery device.

B1

56. (new) The stretchable stent of claim 55, further comprising a plurality of locking elements extending from the inner longitudinal section for engaging openings in the outer longitudinal section to selectively secure the coiled-up sheet in the one or more enlarged conditions.

57. (new) The stretchable stent of claim 55, wherein longitudinally adjacent cells are connected to one another at respective tips of opposing wing-like elements.

58. (new) The stretchable stent of claim 55, wherein each wing-like element comprises a pair of longitudinal elements defining an undulating pattern.

Respectfully submitted,

LYON & LYON LLP

Dated: May 10, 2001

By



William A. English
Reg. No. 42,515
Attorneys for Applicants

633 West Fifth Street
Suite 4700
Los Angeles, CA 90071-2066
(949) 567-2300